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CENTRAL INTELLIGENCE AGENCY INFORMATION REPORT

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This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. The Florian Foundry is located in the southern part of Swietochlowice (N50-17, E18-55). Behind the factory grounds is the Polish Mine (Kopalnia Polska). The foundry employs approximately 7,000 workers in its plant, but the total number of personnel in all the enterprises attached to the Florian Foundry is approximately 15,000. 25X1
2. The manager of the sintering plant is (fnu) Kulik; the manager of the rolling mill is (fnu) Mikolajczyk; and the chief of personnel is (fnu) Goik.
3. The iron ore used by the plant comes from Krivoi Rog, USSR; [] and East Germany. The aluminum and dolomite are obtained from domestic sources. The foundry has three blast furnaces, two old ones and one new one. 25X1
4. The sintering plant is located approximately one kilometer west of the foundry. It was constructed in 1948 and is 80 by 40 meters. The second furnace was added in 1951.

Steel Plant

5. The workshop of the steel plant is 300 by 90 meters, and is equipped with six open-hearth furnaces on the first floor. The casting shop is on the ground floor. Each furnace has six chimneys. The charge consists of liquid pig iron, to which scrap and a small quantity of ore has been added. One tipping furnace was installed after the war.
6. The size of the open-hearth furnaces is: length, approximately 20 meters; width, approximately 4 to 5 meters.
7. Pig iron is discharged every six hours from the open-hearth furnaces, and every four hours from the blast furnaces.

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Rolling Mill

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8. The old grooved mill (walcownia bruzdowa) is in a workshop, 300 by 200 meters. It has three gas ovens (the third was installed in 1953). The rollers are electrically operated.
9. There are three aggregates in this mill, viz.:
 - a. The first (Morgan type) has two motors. The shears are swung (they cut in the air) and there is one pair of fixed shears. The finishing mill also has one pair of fixed shears. The foreman of this aggregate is (fnu) Hanusik.
 - b. The second aggregate has two motors, two coiling machines and a cooling pan.
 - c. The other aggregate has two motors, one pair of fixed shears, two coiling machines, a saw, and a cooling pan.
10. The rolls are 80 cm. to 2.20 meters long, with a diameter of 20 cm. to 80 cm.
11. This is an old rolling mill. Many operations are carried out by hand. Accidents frequently occur. The number of rejects is small, approximately four percent of the output.
12. The mill is rolling rods for reinforced concrete and 5 x 5 mm. rails. No. 2 aggregate makes barrel hoops, and No. 3 aggregate, sheet metal and 5 by 5 mm. rails in 20 m. lengths.

Blooming Mill

13. The foreman in charge of shears is (fnu) Flichowny. The blooming mill was erected on the site of the old ore sintering plant in 1948. It is planned to extend it in the direction of the yard with narrow-gauge tracks where slag is cooled. In that event the yard would have to be moved further out.
14. There are four ovens. Owing to lack of spare parts for the rolls and of bolts for the shears, the mill cannot work efficiently. Gas, too, is often in short supply. The rejects frequently amount to 15 to 20 percent of the output, instead of the normal 10 percent. The mill processes 140 to 150 ingots of over three tons each per every eight hours. The ingots from open-hearth furnaces have a diameter of 50 by 50 cm. to 60 by 60 cm. and are each approximately 2 m. long.
15. Ingots are also supplied for processing from other iron and steel works.
 - a. Kosciuszko Foundry: these are rolled into four bars approximately 3.60 m. long and a 135 by 135 mm. cross-section, and one bar 1.40 m. long with the same cross-section.
 - b. Zawiercie Foundry: these are rolled into 10 bars, 1.60 m. long with a 140 by 140 mm. cross-section.
 - c. Jednosc Foundry: these are rolled into 12 bars 1.20 m. long with a 125 by 125 mm. cross-section.
16. Ingots from the Florian Foundry are rolled into eight bars 1.30 m. long with a cross-section of 160 by 160 mm. Steel was rolled for the army; it was the best quality steel; the bars measured 1.40 m. in length and had a 140 by 140 mm. cross-section.

Hoop Mill (walcownia bednarka)

17. This mill was erected in 1949; it has the longest workshop in the plant, over 300 meters in length.

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Legend

1. Administration building, including laboratories.
2. Factory management.
3. Accounts office.
4. Estimates office.
5. Strip mill (built in 1949).
6. Shaping machines.
7. Baths.
8. Works council. Workers' welfare offices. PZPR (Polish United Workers' Party) secretary and trade union offices.
9. Clocking-in (control) room.
10. Entrance gate.
11. Guardroom.
12. Canteen (built in 1949).
13. Guard hut at railway track.
14. Storeroom for spare parts.
- 14a. Management of groove rolling mill.
15. Baths.
16. Washrooms.
17. Slag cooling yard with narrow-gauge tracks.
18. Old groove rolling mill:
 - a. Oven of aggregate 1 (Morgan's).
 - b. Oven of aggregate 2.
 - c. Oven of aggregate 3, built in 1953.
 - d. Rolls.
 - e. Cooling pans.
 - f. Coiling machines.
 - g. Finishing mill.
19. Canteen.
20. Rolling mill offices.
21. Cloakroom.
22. Steel plant:
 - a. Six open hearth furnaces.
 - b. Casting shop.
 - c. Offices.
23. Scrap yard, with magnetic crane.
24. Pumping station.
25. Gas generators.

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26. Blooming mill:
- a. Cooling pan.
 - b. Shears.
 - c. Rolls.
 - d. Blooming roll.
 - e. Furnaces.
 - f. Steel plant ingots store.
 - g. Electric motors.
 - h. Offices.
27. Blast furnace ingots.
28. Rolling-mill bars.
29. Two old and one new blast furnaces.
30. Six pre-heaters.
31. Iron ore bins (12 old prewar ones) filled from narrow-gauge cars.
32. Coking ovens.
33. Workers' hygiene and safety offices.
34. Second entrance gate.
35. Fire brigade station premises.
36. ZMP (Union of Polish Youth) club.
37. Entrance gate and clocking-in room for sintering plant employees.
38. Four large wooden workers' dwellings.

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FLORIAN FOUNDRY

